connected to the rotation member **84**. For clarity, there is no illustration of the flexible component **70** in FIG. **5**. Because there is a height difference d between the stop block **68** in its position as shown in FIG. **5** and the stop block **68** in its position as shown in FIG. **4**, the stop block **68** in FIG. **5** no longer props up one side of the top module **52**, and therefore, the included angle between the top module **52** and the bottom module **54** is able to be adjusted to 180 degrees (as shown in FIG. **7**).

Please refer to FIG. **4** with reference to FIG. **5**. To return the top module **52** from the condition shown in FIG. **7** back to the unfolded condition shown in FIG. **3**, the rotation member **84** will be rotated in the direction opposite arrow B, and the stop block **68** will rotate with the rotation member **84** in the same direction. At the same time, the included angle between the top module **52** and the bottom module **54**, which is 180 degrees, will adjust to 160 degrees as shown in FIG. **2**.

Although this embodiment of the present invention uses mobile phones for the purpose of illustration, the connection device **56** of the present invention is also applicable to other electronic devices such as a notebook computer.

Compared to the prior art, the connection device **56** of the present invention sets the included angle between the top module **52** and the bottom module **54** to be 160 degrees when the top module **52** is fully lifted, which is desirable for ergonomic reasons, rather than 180 degrees. In addition, the fully lifted top module can still be rotated to make the included angle between the top module **52** and the bottom module **54** become 180 degrees. In doing so, the user can adjust the included angle between the top module **52** and the bottom module **54** to be 160 degrees for ergonomic reasons when conversing using the mobile phone **50** of the present invention. If the user wishes to take a photo with the mobile phone **50**, the user can adjust the included angle between the top module **52** and the bottom module **54** to be 180 degrees, which conforms to the ergonomics to take a photo more naturally.

Those skilled in the art will readily observe that numerous modifications and alterations of the device may be made while retaining the teachings of the invention. Accordingly, the above disclosure should be construed as limited only by the metes and bounds of the appended claims.

What is claimed is:

1. An electrical device comprising:

a top module having a panel for displaying an image;

a bottom module having a plurality of buttons for controlling the operation of the electrical device;

a base affixed on the bottom module;

a pivot, formed on the base, having at least one buckle for coupling the pivot to the top module, wherein the top module is capable of rotating around the buckle;

a stop block for propping up the top module; and

a track, surrounding the base, to allow the stop block to move along the track as the top module rotates around the buckle about a first axis;

wherein as the top mobile rotates around the buckle about the first axis, the stop block undergoes a chance of position along the first axis while sliding on the track.

2. The electrical device of claim **1** further comprising a pivot protection cover for enclosing the pivot and the base.

3. The electrical device of claim **1** wherein the stop block has a groove for propping up one side of the top module as the top module is unfolded.

4. The electrical device of claim **3** wherein the included angle between the top module and the bottom module is substantially near 160 degree when the top module is engaged in the groove of the stop block when it is in the position of the first end of the track.

5. The electrical device of claim **3** wherein the included angle between the top module and the bottom module is substantially 180 degrees as the top module is engaged in the groove in the stop block when it is in the position of the second side of the track.

6. The electrical device of claim **1** further comprising a flexible component, one end of which affixed to the pivot and the other end of which connected to the stop block, for rotating the stop block while the pivot is rotating.

7. The electrical device of claim **6** wherein the flexible component is a spring.

8. The electrical device of claim **1** being a notebook computer.

9. The electrical device of claim **1** being a mobile phone.

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